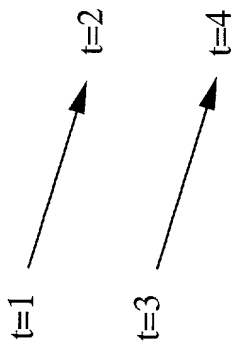
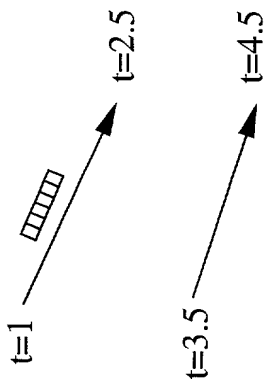


FIG. 2



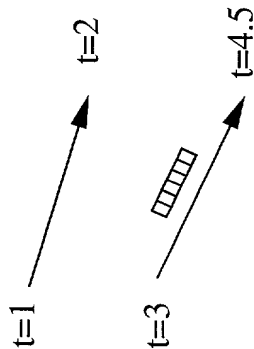
$$D_{j,i}^F = 0$$

FIG. 3A



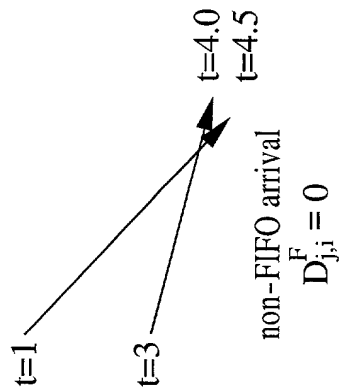
$$D_{j,i}^F = -0.5 < 0$$

FIG. 3B



$$D_{j,i}^F = 0.5 > 0$$

FIG. 3C



non-FIFO arrival
 $D_{j,i}^F = 0$

FIG. 3D

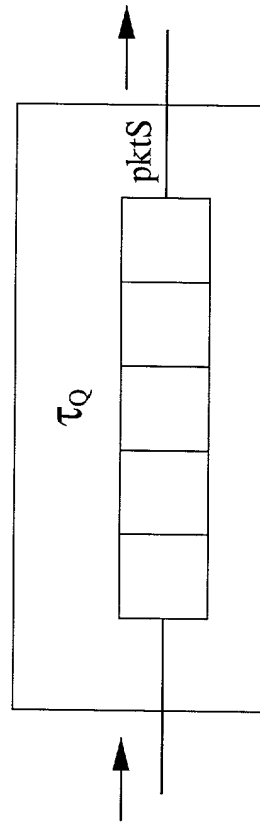
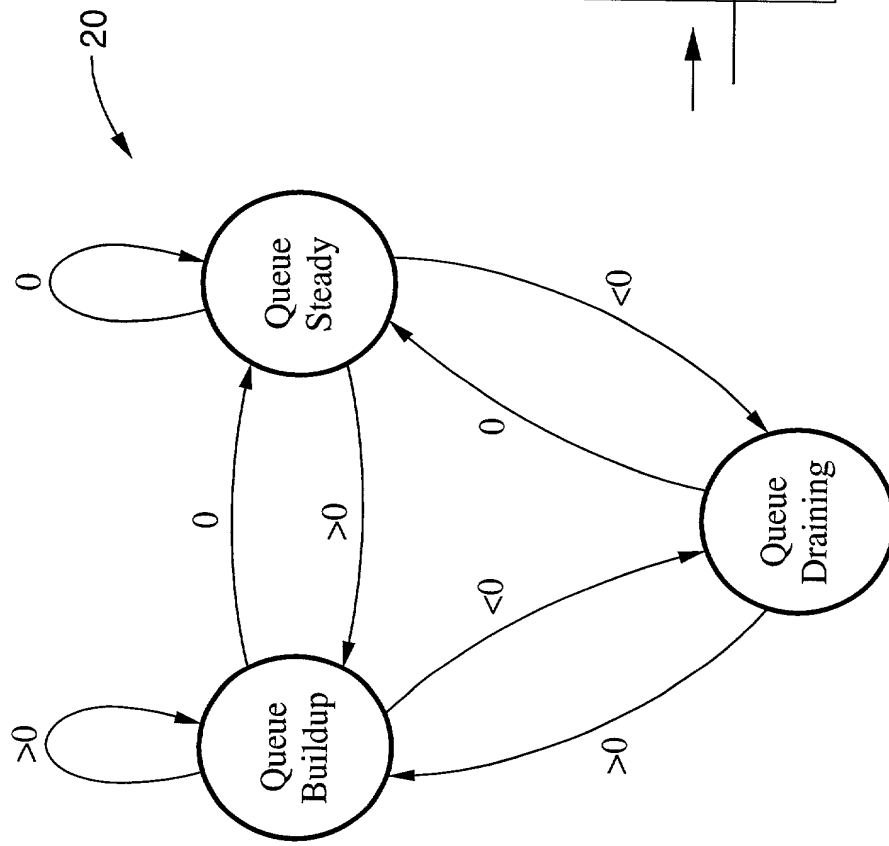


FIG. 5

FIG. 4

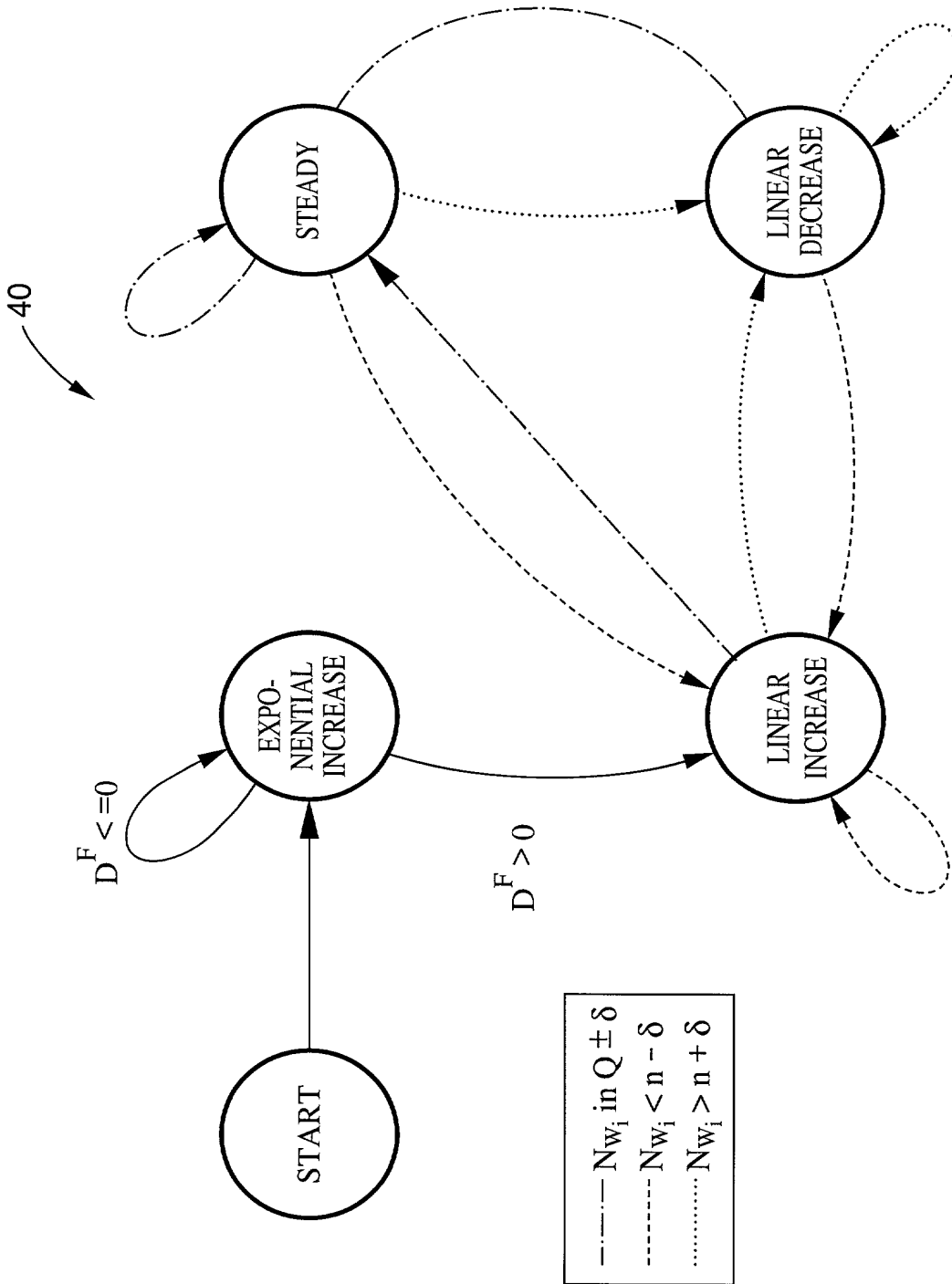


FIG. 6

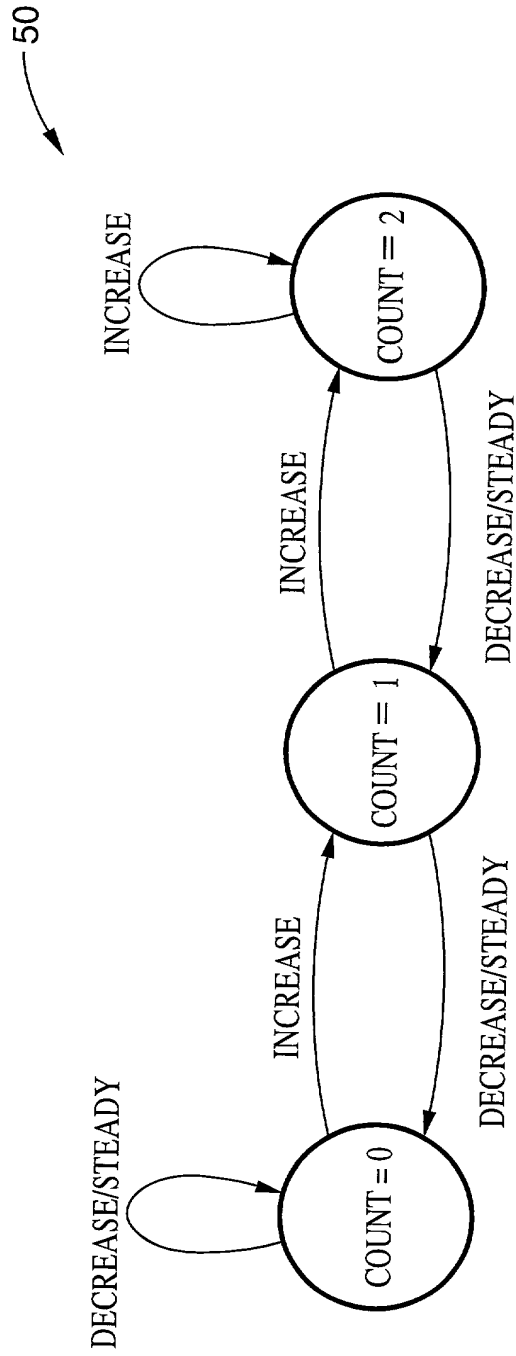


FIG. 7

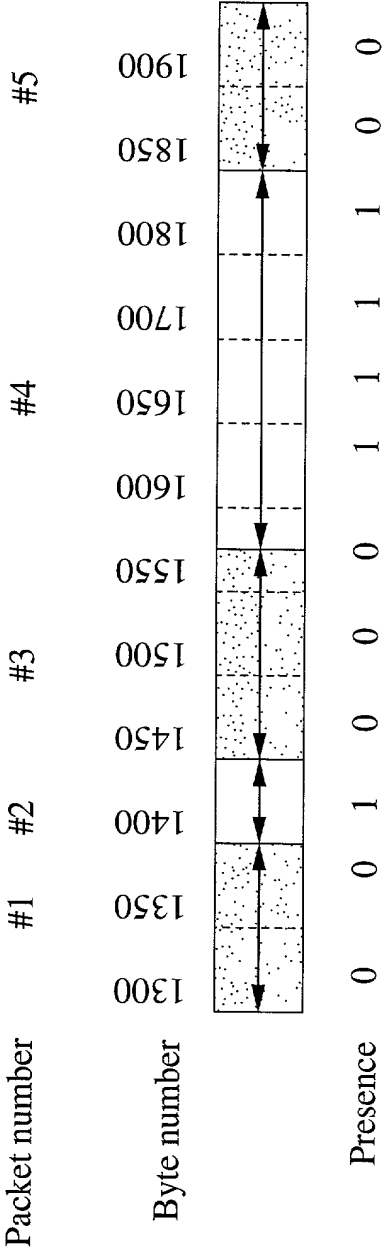


FIG. 8